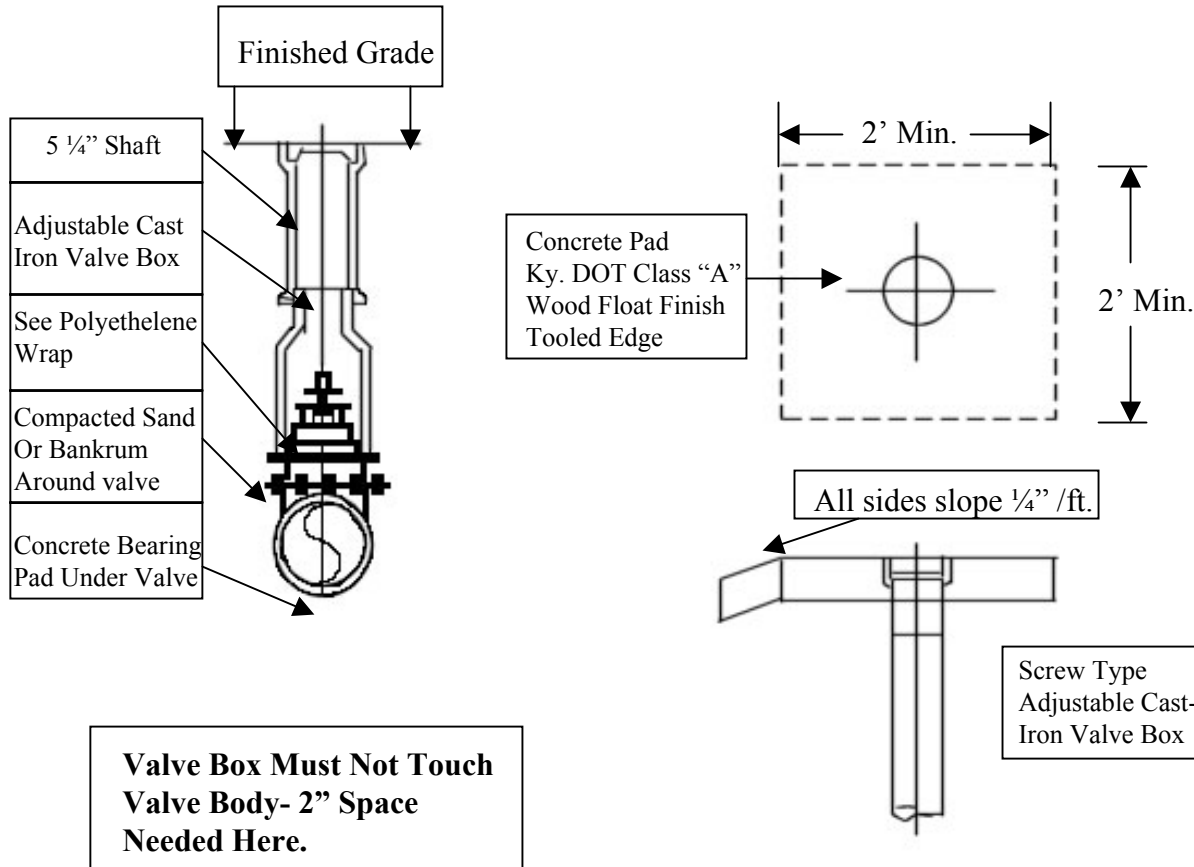




Water Division Drawings

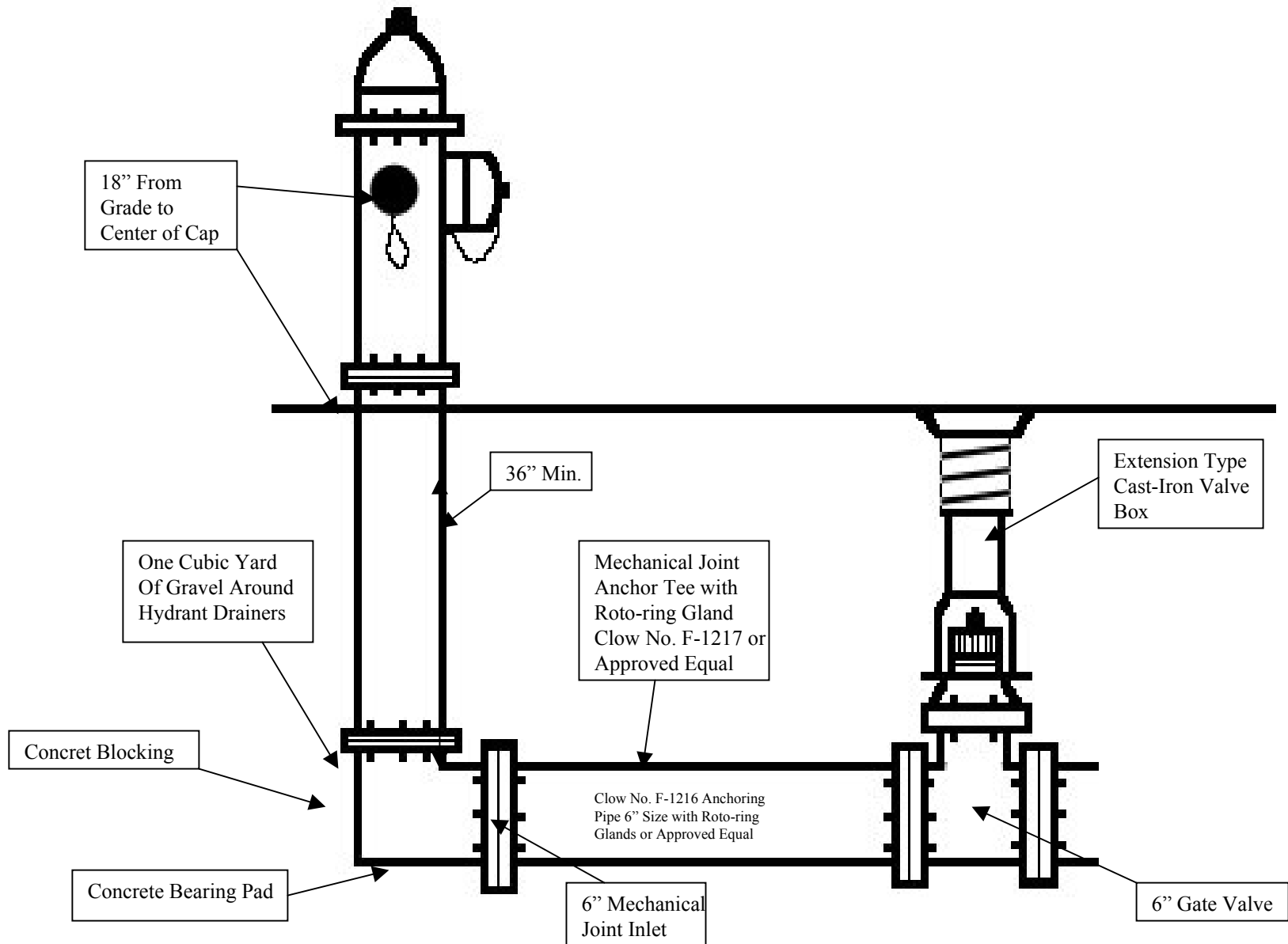
Valve Box Specs.



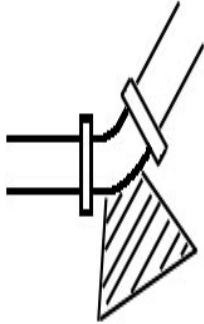
Notes

- Concrete Pads shall be constructed around all main line valve boxes except within hard paved areas.
- Concrete Pads shall be constructed around all Tracing Wire Boxes except within hard paved areas.
- Pre-cast valve boxes can be approved.

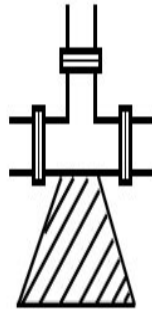
Hydrant Installation Specification



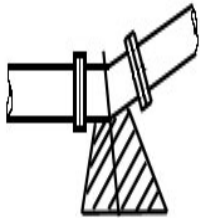
Blocking Specs.



45 Bend



Tee



11 1/4 & 22 1/2 Bend

Notes

- Blocking shall be poured after polyethelene wrap is in place.
- Blocking shall be inspected by the City prior to backfilling.
- PVC fittings shall be per specifications.
- Concrete to be 3500 psi.
- All fittings to be mechanical joint.
- Thrust blocks to be placed against undisturbed earth – use additional concrete as required for over excavation.
- Blocking to be placed in a manner so that bolts can be removed without disturbing the blocking.
- Reference to Ductile Iron Pipe Booklet Pg. 51.

Notes

If service is installed in sidewalk or pavement area, a heavy duty lid shall be installed. The City must approve any setting in sidewalk or pavement area.

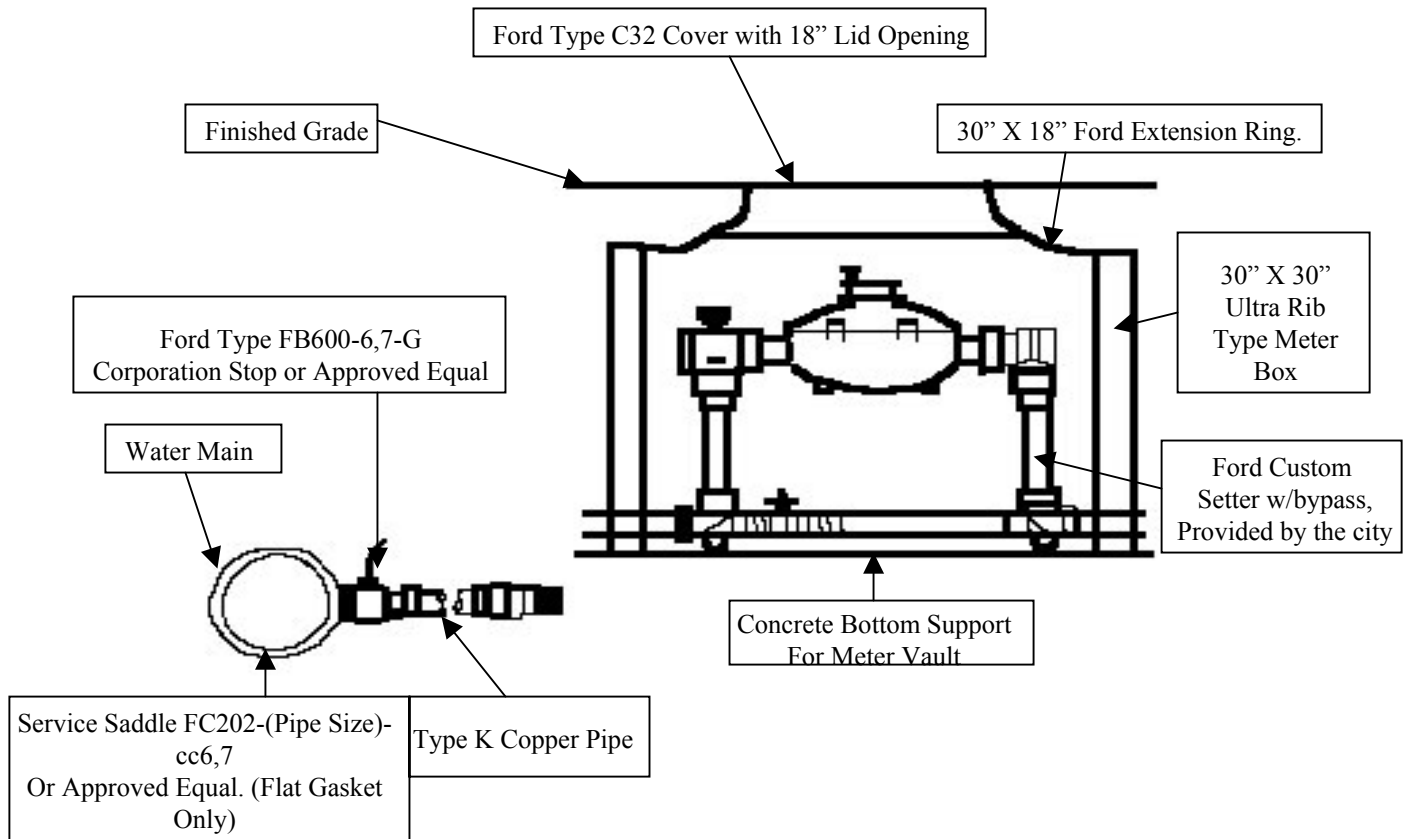
service to be removed & abandoned are to be disconnected at corporation Stop.

Reminder

The city is responsible for supplying the Meter setter w/adapters (Installed by Contractor) and Meter, Installed by The city when fees are paid and work passes inspection Contractor is responsible for obtaining and installing all other specified parts. (Any variation of referred. Parts must be approved by the City.

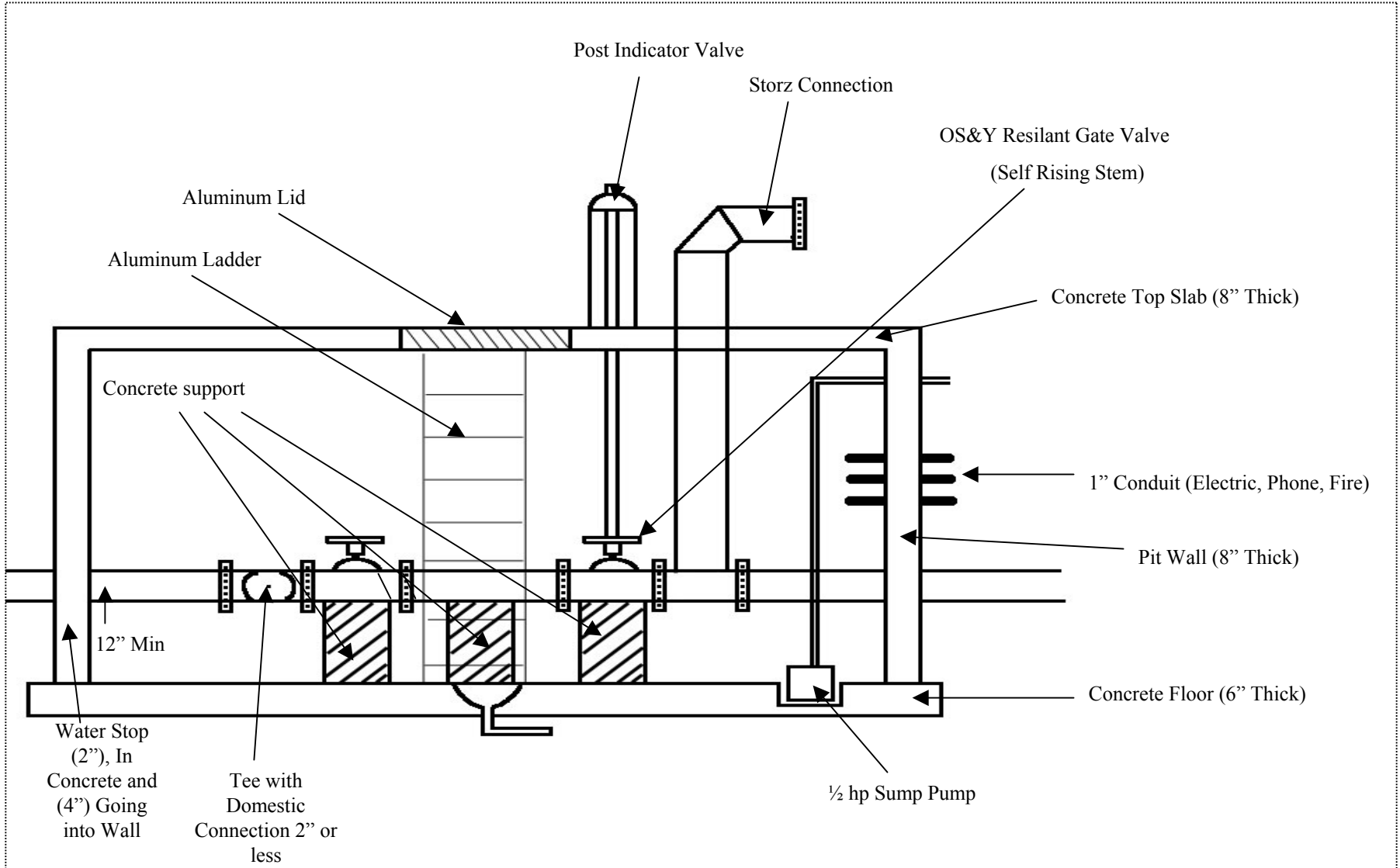
Meter Specs. (1 ½" and 2")

Vault Style Setting

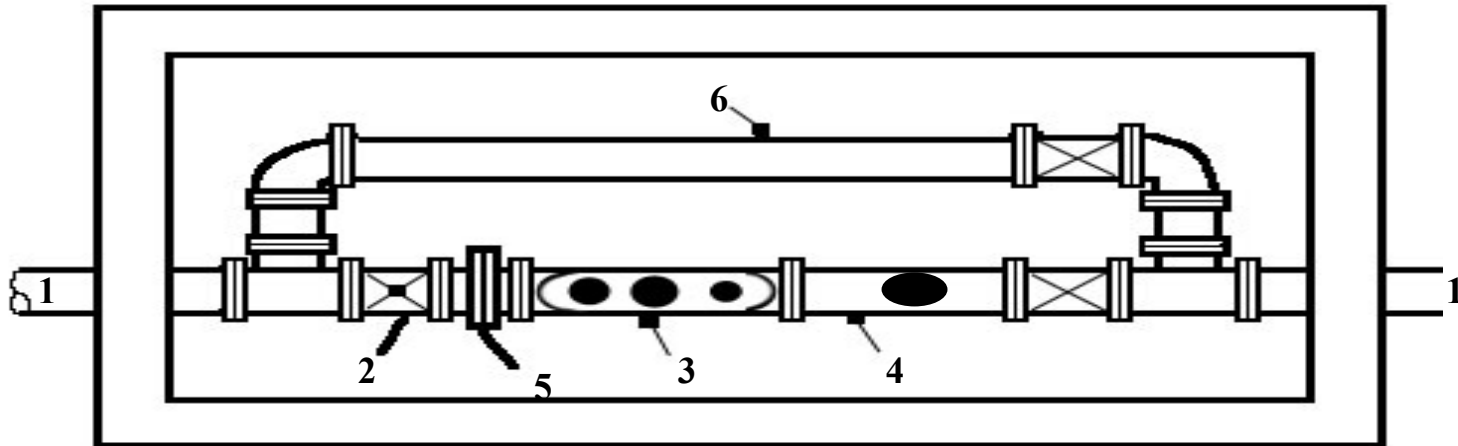


Sprinkler Pit Specs.

2" Meter and Smaller

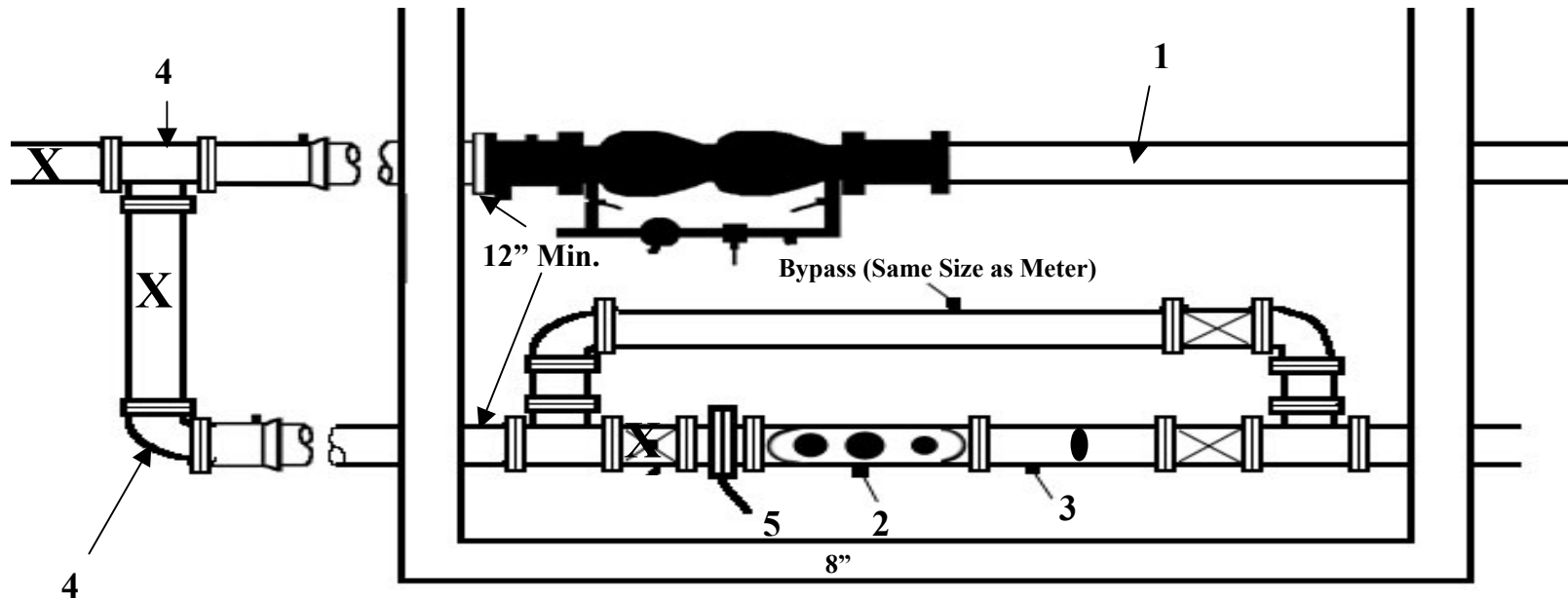


Sprinkler Pit Domestic w/Bypass



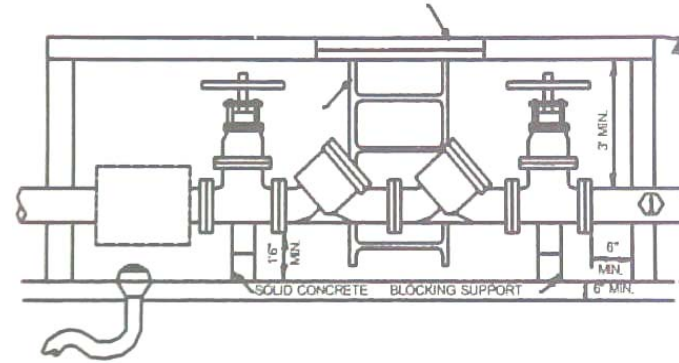
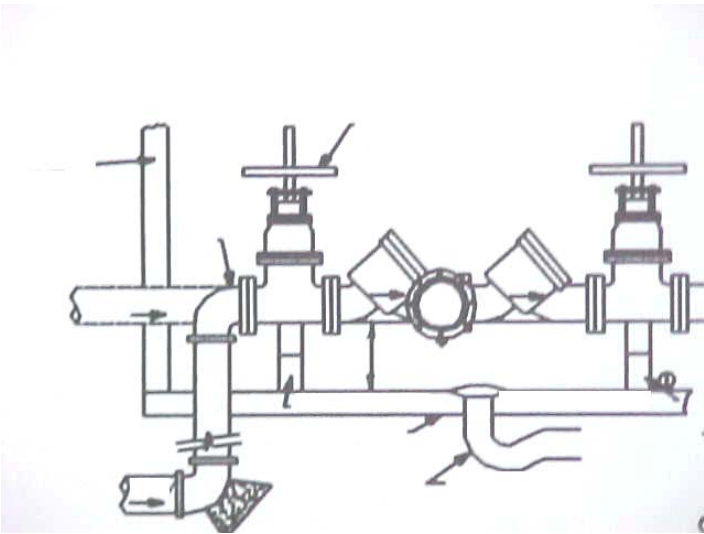
- 1) DIP Class 50 with flanged end inside pit.
- 2) Valve (OS&Y).
- 3) 3" or Larger Meter.
- 4) Flanged Spool Piece with 2" Test Plug with ball valve.
- 5) Strainer.
- 6) Bypass (Same Size as Feed Line).

Dual Pit w/Fire and 3" & Larger Domestic



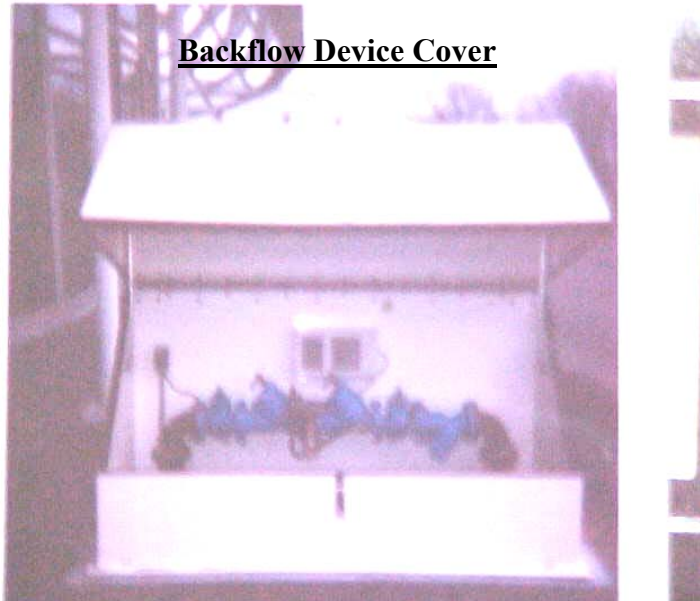
- | | |
|----|---------------------------------------|
| 1) | Fire Line |
| 2) | 3" or Larger Domestic Meter. |
| 3) | Flanged Spool with 2" Test Plug. |
| 4) | Concrete Blocking Needs to be Poured. |
| 5) | Strainer for Meter |
| X | Gate Valve |

Backflow Pictures

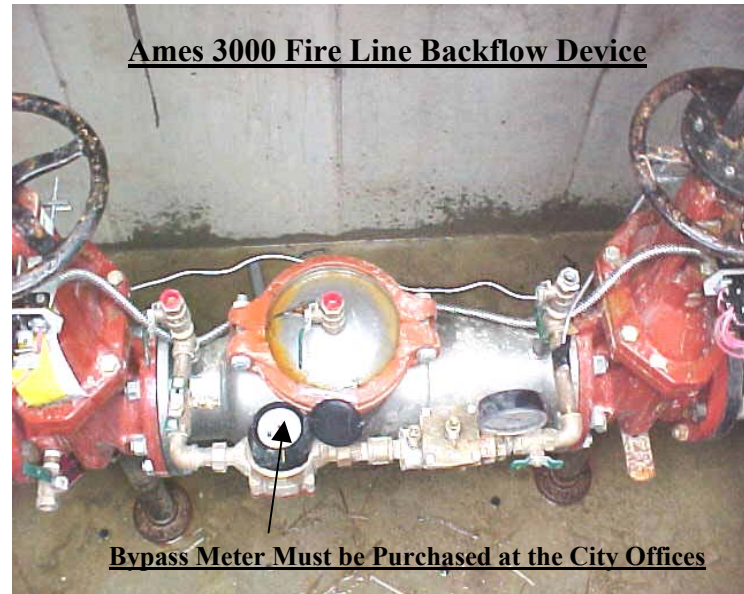


ELEVATION

Backflow Device Cover

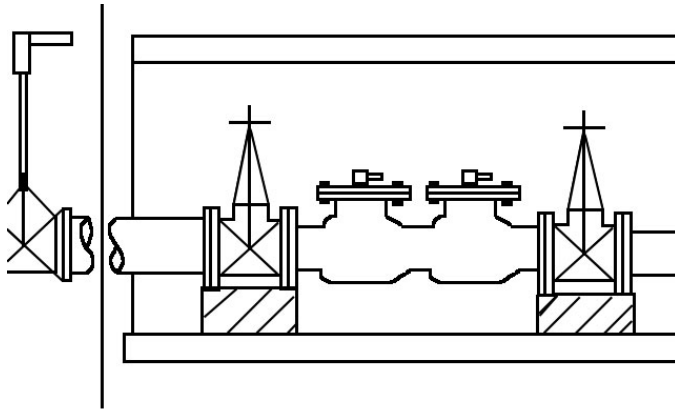


Ames 3000 Fire Line Backflow Device

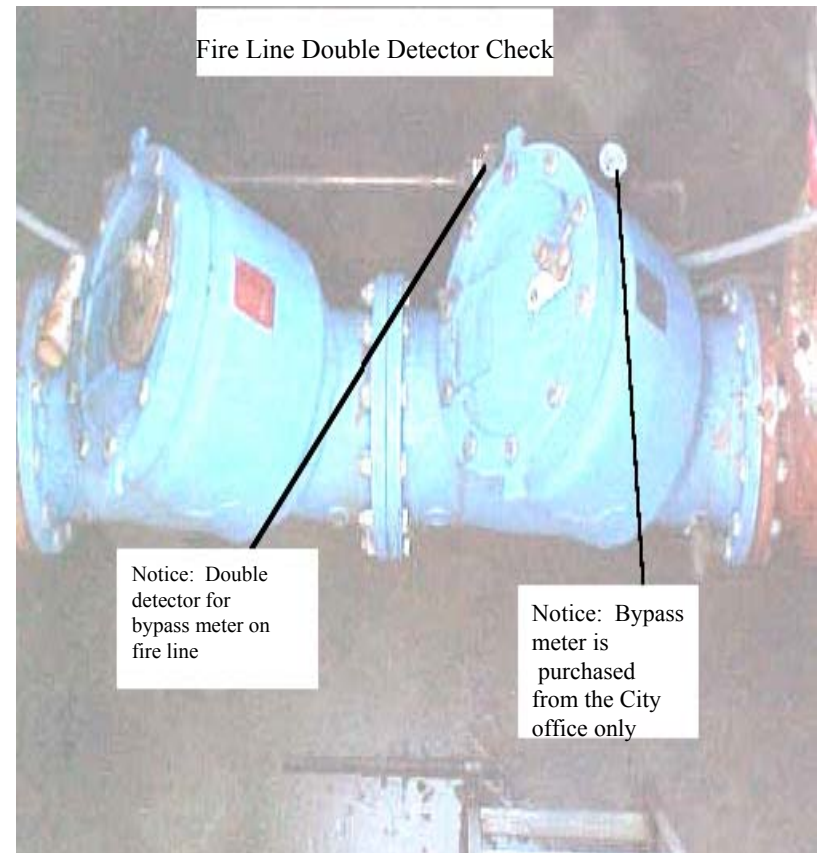


Bypass Meter Must be Purchased at the City Offices

Fire Line Double Detector Check With Bypass Meter



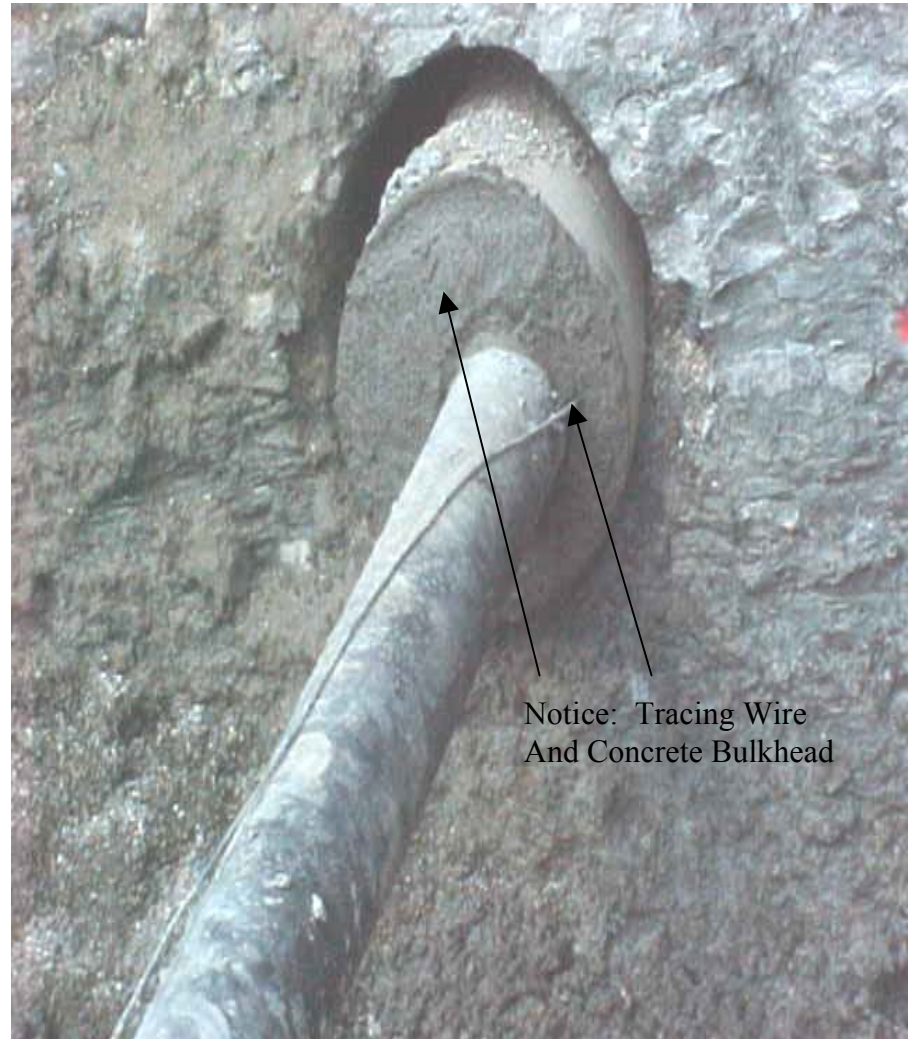
Side View





Job Site Pictures

Encasement and Spacer Pictures



Ductile Iron Water Main Wrap Picture

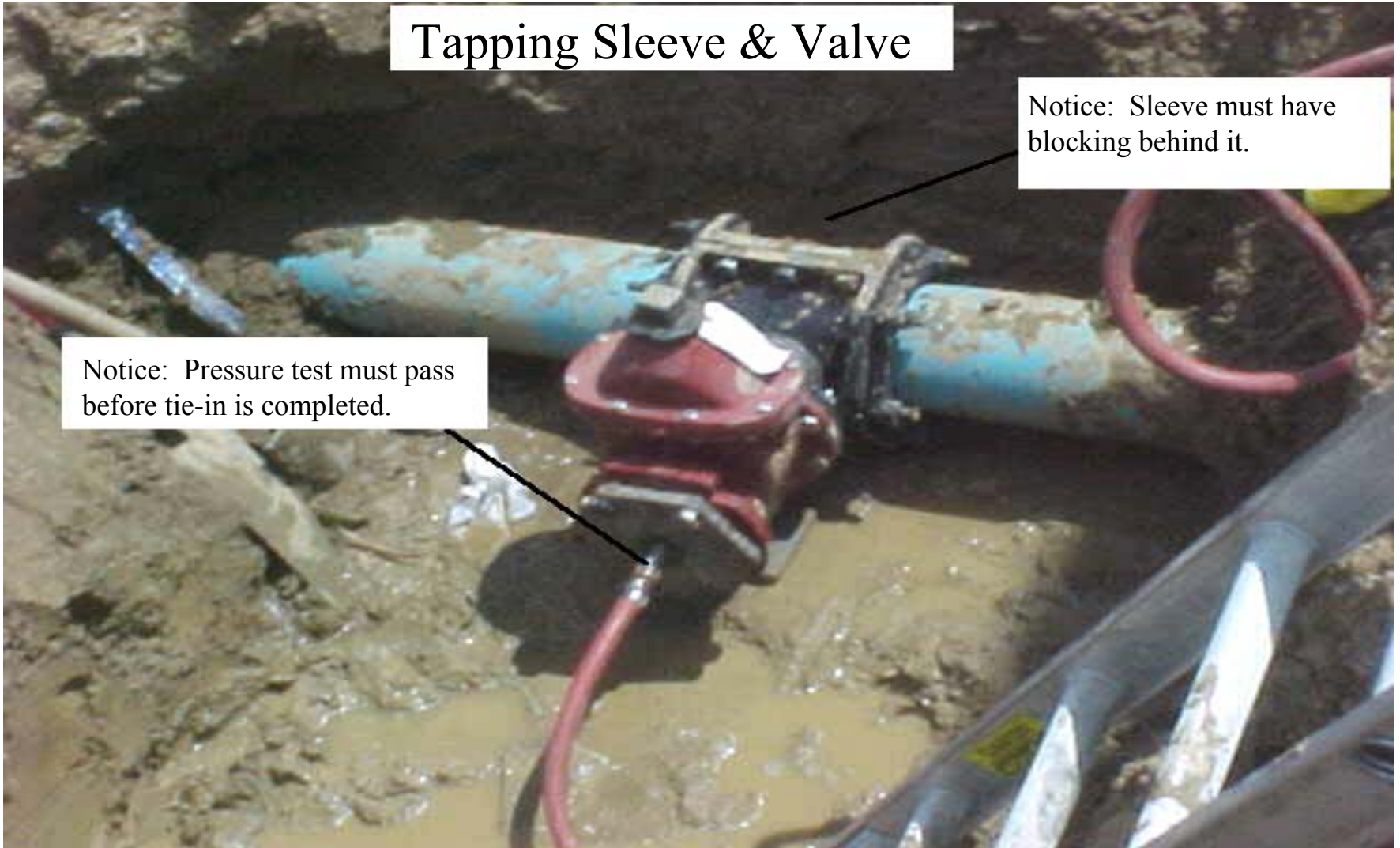


Tapping Valve & Sleeve Picture

Tapping Sleeve & Valve

Notice: Sleeve must have blocking behind it.

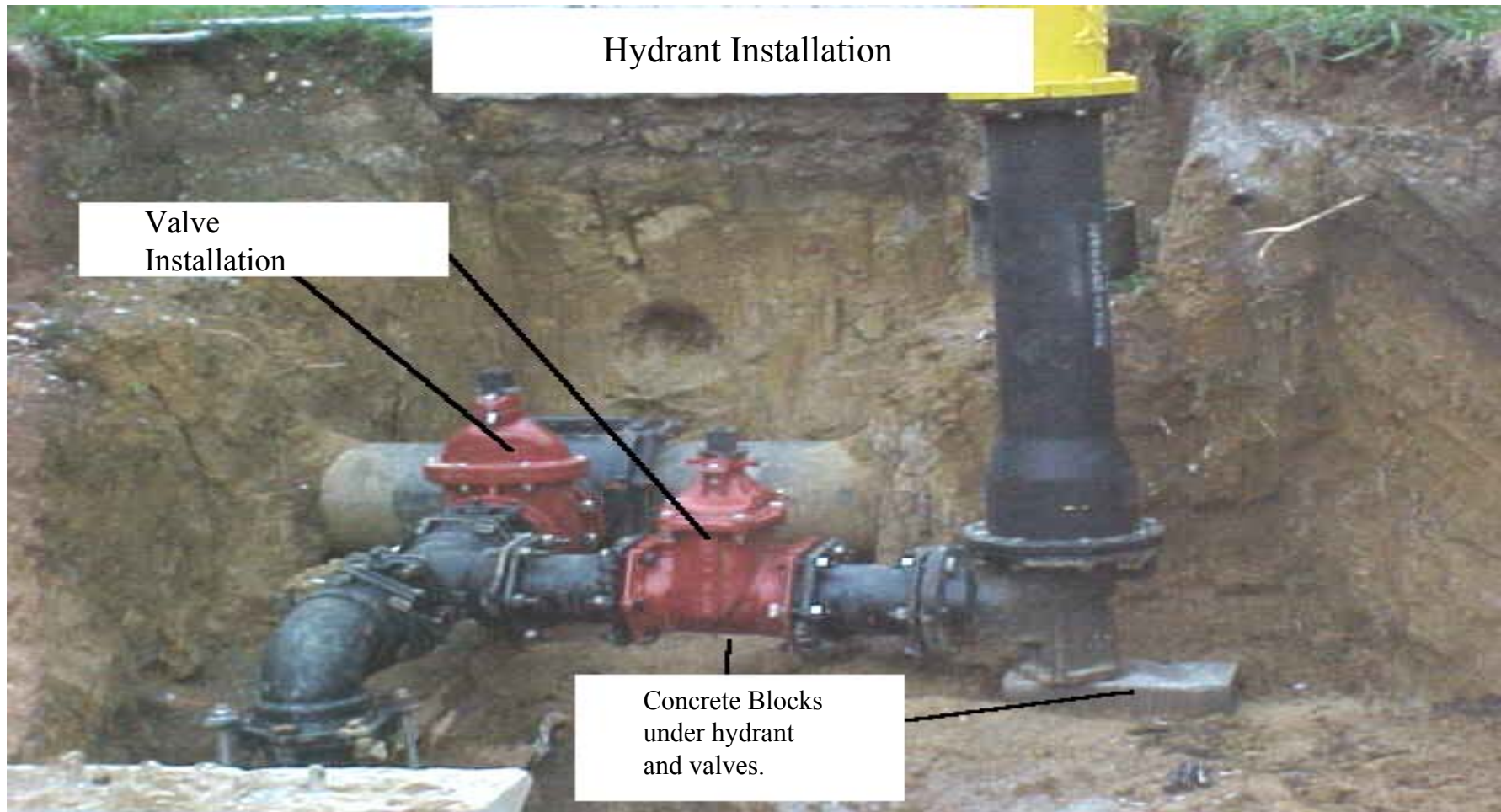
Notice: Pressure test must pass before tie-in is completed.



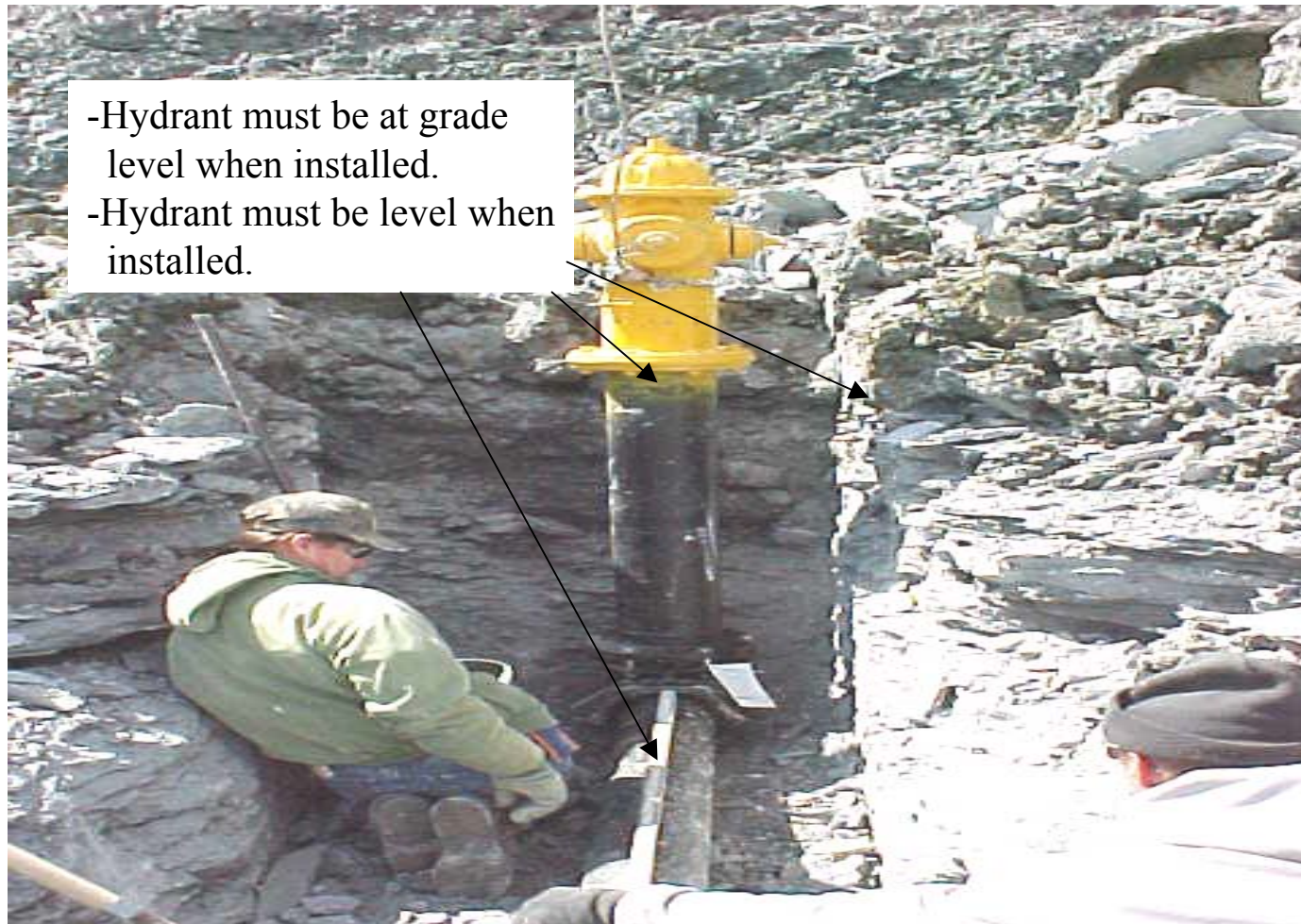
Water Main Must Be Capped or Plugged **When Work is Stopped**



Hydrant Installation Picture



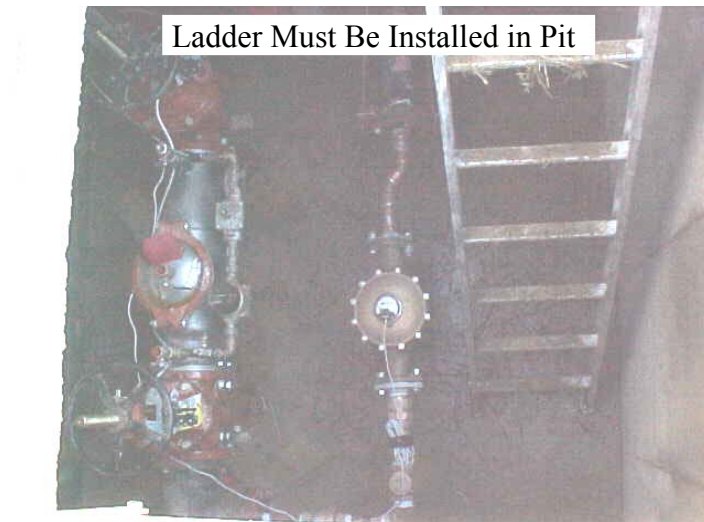
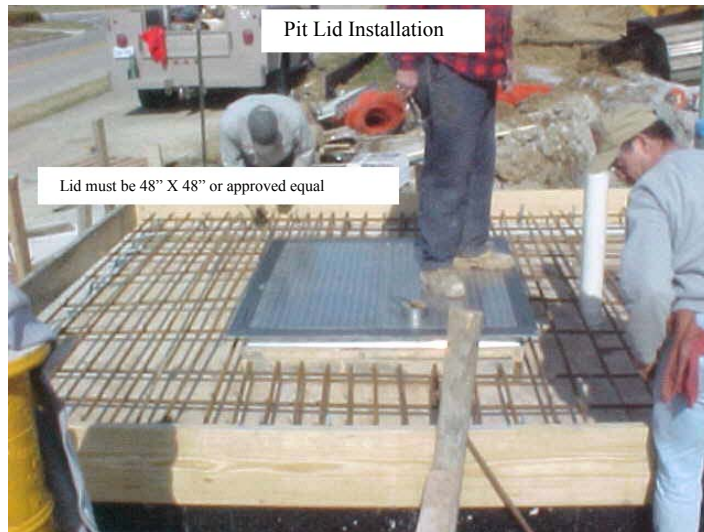
Hydrant Installation Picture



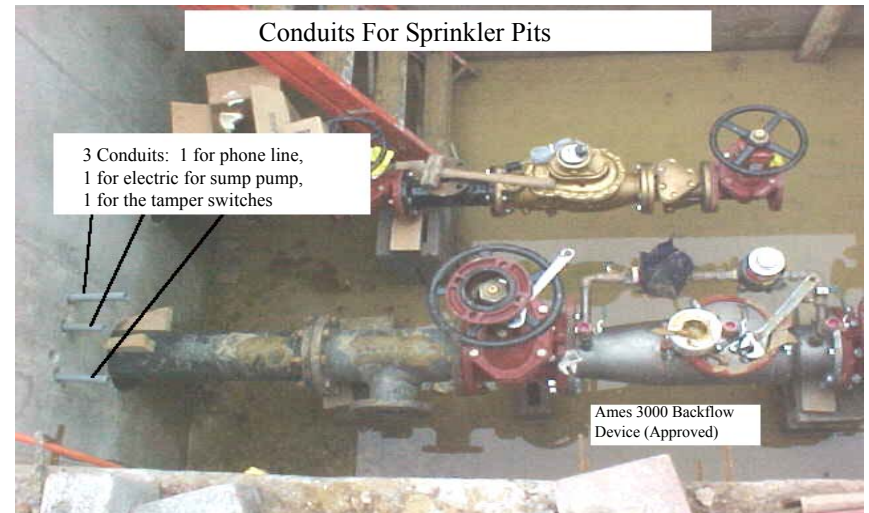
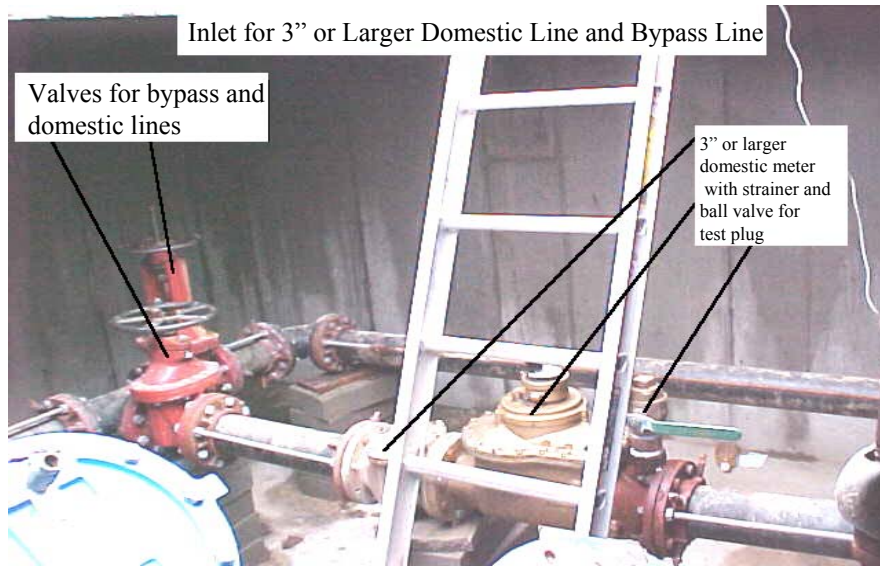
Compacted Sand Or Granular Material



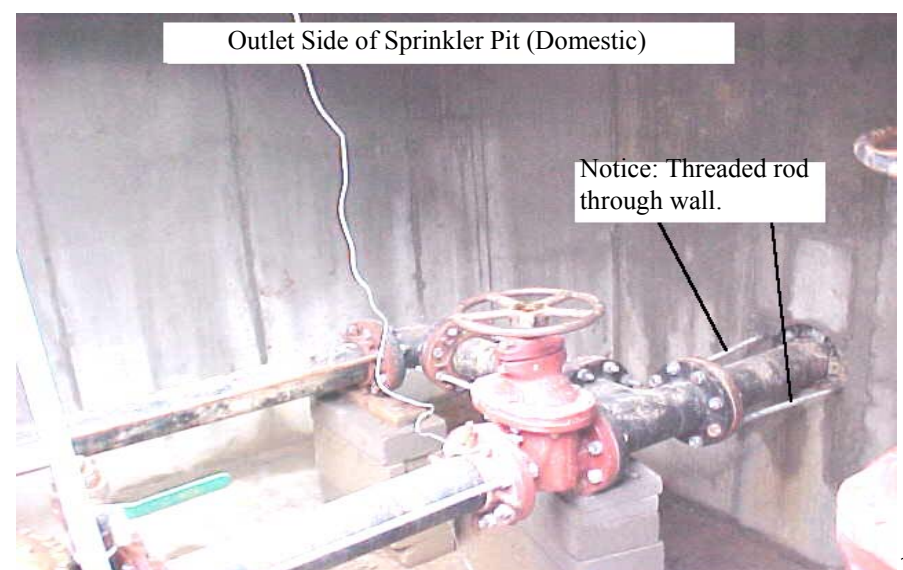
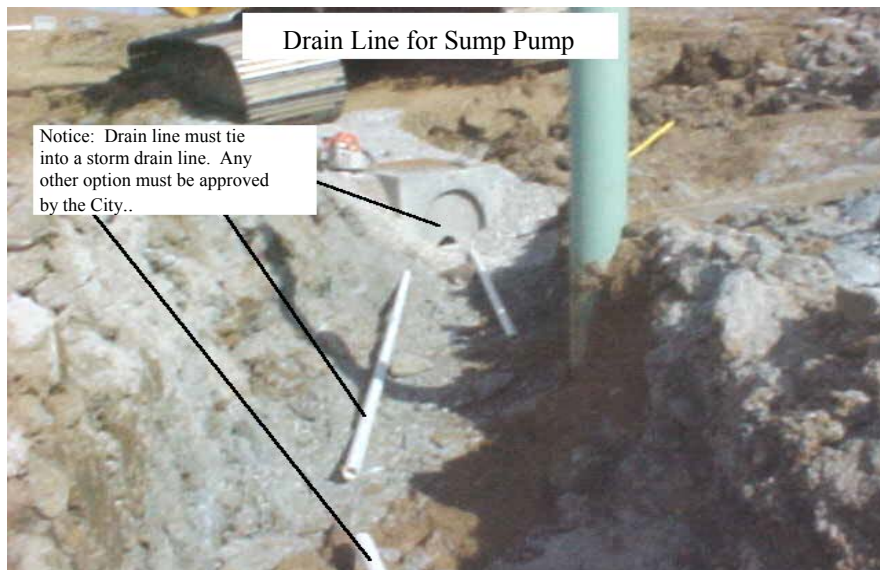
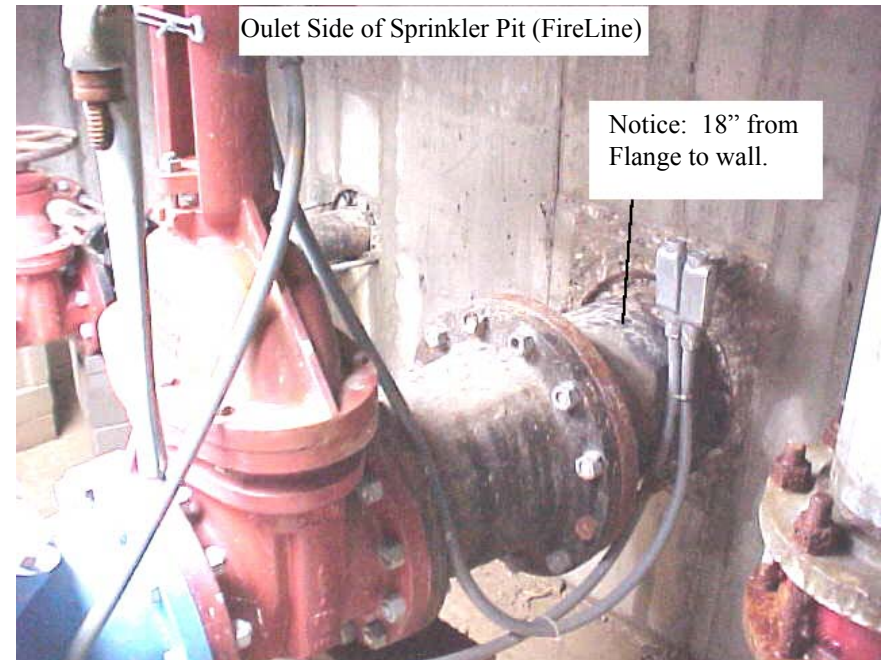
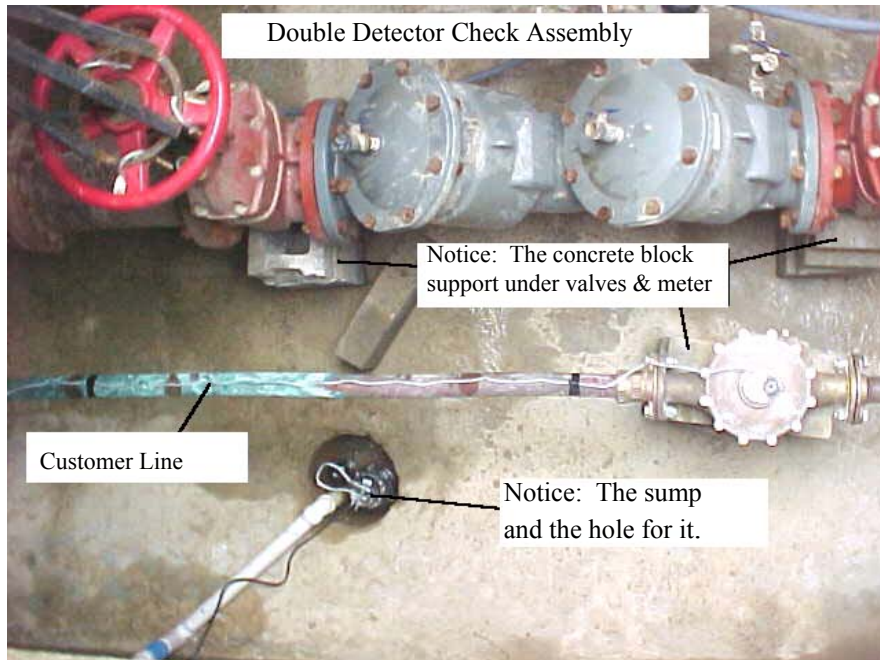
Sprinkler Pit Pictures



Inlet Inside Sprinkler Pit



Outlet Side of Sprinkler Pit

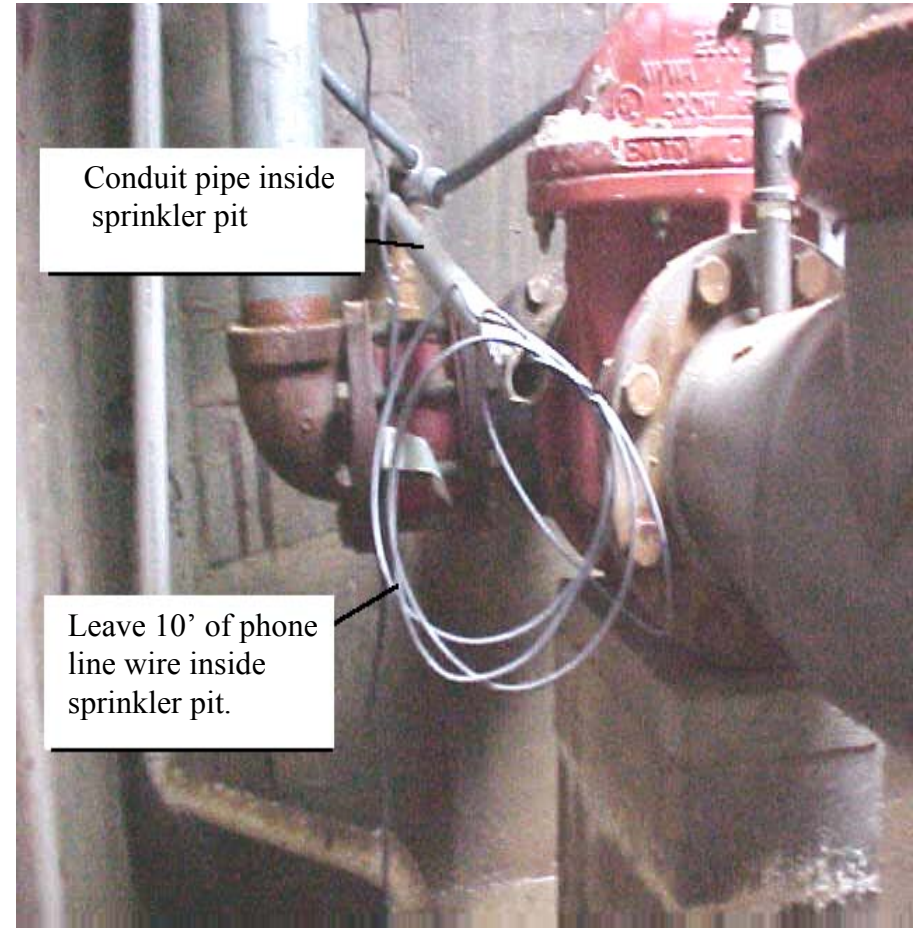
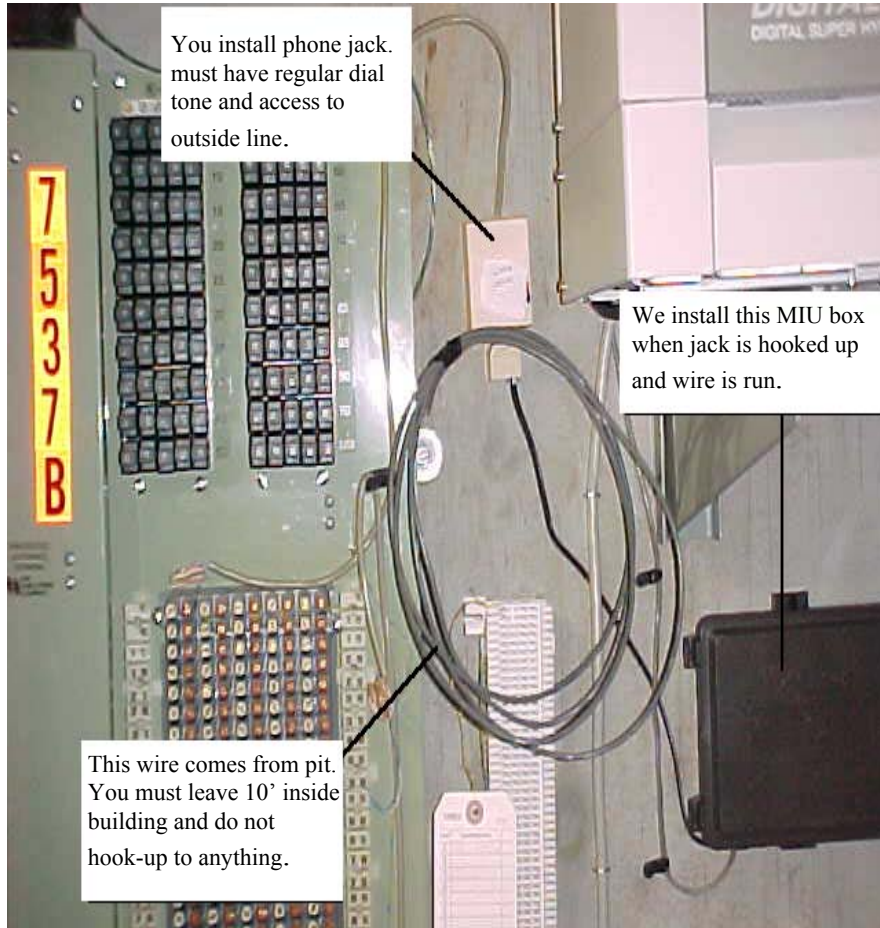


Meter Specs. (1 ½" and 2")

Sprinkler Pit Setting



Phone Read Pictures





- See our Rules/Regulations and Construction Guidelines Booklet for more details.
- All suggestions for changes must be submitted in writing to the City of Florence Engineering and Inspections Division for approval.